

System and method to combine power control commands during soft handoff in DS/CDMA cellular systems

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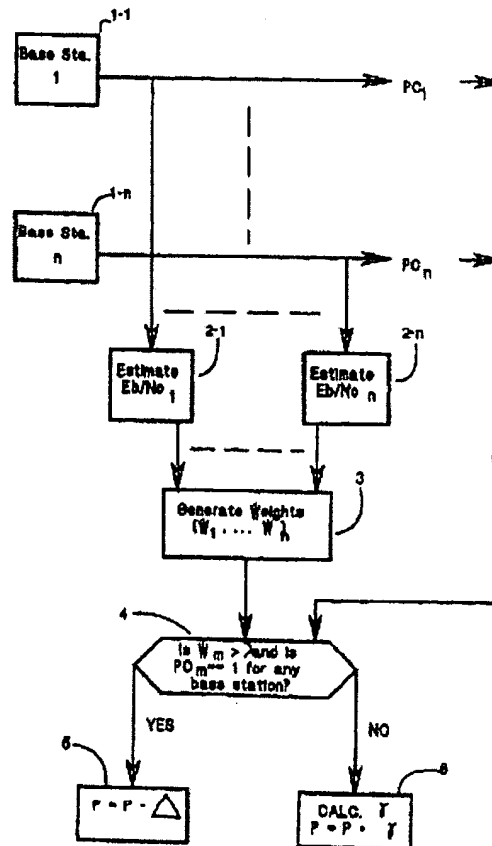
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Mobile stations in communication with several base stations in a cellular CDMA system (as when undergoing soft handoff) do not use the conventional "or of the downs" rule for assessing power control commands from base stations. Mobile stations assess the link quality of the links from the base station. If any base station displays link quality above a predetermined threshold and if that base station is requesting power reduction, power is reduced by a predetermined amount, delta. Otherwise, power is adjusted up or down by an amount less than or equal to delta according to the received power control signals from each base station in conjunction with a weight determined from the signal quality of the link from each base station.



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